Index of Claims

| App | ication | /Control | No. |
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|     |         |          |     |

10/573,184 Examiner Reexamination
HOFMANN ET AL.

Applicant(s)/Patent under

Art Unit

Tu M. Nguyen

3748

√ Rejected
= Allowed

(Through numeral)
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Restricted

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I Interference

A Appeal
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| Claim Date  |                                         |          |                                                  |                                                  | $\neg$                                           | Claim Date                                       |          |                 |          |          |          |          | _                   | Claim Date |               |             |         |          |                 |          |             |            |          |              |              |                                                  |                                                  |          |          |          |
|-------------|-----------------------------------------|----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|-----------------|----------|----------|----------|----------|---------------------|------------|---------------|-------------|---------|----------|-----------------|----------|-------------|------------|----------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|----------|----------|----------|
| - 66        | T                                       |          |                                                  |                                                  |                                                  |                                                  |          |                 |          |          |          |          |                     |            |               | <del></del> |         | Date     |                 |          |             |            |          |              |              |                                                  |                                                  |          |          |          |
| -           | Original                                | 11126/07 |                                                  |                                                  |                                                  |                                                  |          |                 |          |          | =        | Original |                     | - 1        |               |             |         |          | ΙI              |          | <u></u>     | Original   |          |              |              |                                                  |                                                  |          |          | i        |
| Final       | Ē                                       | 2        | 1                                                |                                                  |                                                  |                                                  |          |                 |          |          | Final    | ij       | 1                   | - 1        |               |             |         | 1        | 1               | j        | Final       | <u>ˈ</u> Ē | - (      |              |              | ĺ                                                |                                                  |          |          |          |
| "           | ō                                       | =        | 1                                                |                                                  |                                                  | 1                                                |          |                 |          | - 1      | "        | ō        |                     | - 1        |               |             |         |          | 1               | ı        | 1 "         | ŏ          |          |              |              |                                                  | 1                                                | 1        |          | ı        |
| _           | 1                                       | ┝▔       | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | Н        | Н               | $\dashv$ | ┥.       | $\vdash$ | 51       |                     | -+         | +             | +           | +-      | +        | $\vdash$        |          | _           | 101        | $\dashv$ | $\vdash$     | -            | -                                                | ├                                                | -        |          | $\vdash$ |
|             | 1                                       | ┪        | $\vdash$                                         | H                                                |                                                  | $\vdash$                                         | Н        | Н               |          | $\dashv$ | $\vdash$ | 52       |                     | $\dashv$   | $\dashv$      | +           | +       | +        | H               | _        |             | 102        |          | +-           | -            | <del> </del>                                     | ┢┈                                               |          | П        | H        |
|             | 1                                       | $\vdash$ | H                                                |                                                  | H                                                |                                                  | Н        |                 |          | -        | -        | 53       |                     | 十          | 十             | +           | +-      | ╁        | H               | -        |             | 103        | +        | +            |              | H                                                | $\vdash$                                         |          | П        | $\vdash$ |
|             | 1                                       | 一        | ┢                                                |                                                  |                                                  | _                                                |          |                 |          | $\neg$   |          | 54       | $\vdash$            | $\dashv$   | _             | +           | +-      | +        | $\vdash$        |          | <del></del> | 104        | $\dashv$ | $\vdash$     |              | Н                                                | $\vdash$                                         |          | П        | Н        |
|             | 4                                       | T        | T                                                | $\vdash$                                         | _                                                |                                                  | Н        |                 |          | $\dashv$ |          | 55       |                     | 十          | $\dashv$      | 1           | +       | 1        | 1-1             |          |             | 105        | +        | $\vdash$     | $\vdash$     | <del> </del>                                     | <del> </del>                                     |          |          | _        |
|             | 1                                       | $\vdash$ | 1                                                | T                                                | $\vdash$                                         |                                                  | Н        | Н               | _        | $\dashv$ |          | 56       |                     | _          | _             |             | +       | +        | $\vdash$        |          |             | 106        | $\neg$   | +            | 1            | $\vdash$                                         | 一                                                |          | П        | 一        |
|             | 1                                       | T        | 1                                                |                                                  | $\vdash$                                         |                                                  |          |                 |          | $\neg$   |          | 57       | $\vdash$            | $\dashv$   | _             | +           | 十       | 1        |                 | _        |             | 107        | $\neg$   | †            | 1            | <b>-</b>                                         | -                                                | _        | $\Box$   | Г        |
|             | 8                                       |          | t                                                |                                                  |                                                  |                                                  | П        |                 |          |          |          | 58       |                     | $\dashv$   | $\neg$        | 十           | +       | +        | 1-1             |          |             | 108        |          | T            |              | $\vdash$                                         | _                                                |          | _        | Т        |
|             | 3                                       | <u> </u> | <del>                                     </del> | 1                                                | $\vdash$                                         | <del>                                     </del> |          |                 | -        | _        |          | 59       | $\vdash$            | 十          | _             | _           | +       | 1        | $\Box$          |          | <del></del> | 109        |          | T            | H            |                                                  |                                                  |          | П        | Г        |
|             | 1b                                      |          | t                                                | f                                                |                                                  | Г                                                | П        |                 |          |          |          | 60       |                     | $\dashv$   | $\neg$        | $\top$      | +       | 1        |                 |          |             | 110        | $\neg$   | $t^-$        | 1            | $\vdash$                                         | -                                                |          |          |          |
|             | 11                                      | Г        | 1                                                |                                                  |                                                  |                                                  |          | -               |          |          |          | 61       |                     | 7          |               | $\top$      | †       | $\top$   | П               |          |             | 111        |          | †-           |              |                                                  | Г                                                |          | П        | Г        |
|             | (12)                                    | V        | 1                                                | T                                                | $\vdash$                                         | П                                                | П        | М               | $\dashv$ | $\dashv$ |          | 62       | $\sqcap$            | 一          | $\dashv$      | $\top$      | $\top$  | $\top$   |                 |          |             | 112        | $\dashv$ | †            | T            |                                                  |                                                  |          | $\Box$   | Г        |
| <b></b>     | 13                                      | ī        | 1                                                |                                                  |                                                  |                                                  |          |                 |          | $\neg$   |          | 63       | $\Box$              | $\dashv$   | $\top$        | +           | 1       | 1        | $\vdash$        | _        |             | 113        |          | †            | t            | $\vdash$                                         | Т                                                | П        | П        | Г        |
|             | 14                                      | 17       | 1                                                | $\top$                                           |                                                  | П                                                | П        | П               |          | $\neg$   |          | 64       | $\Box$              | $\dashv$   | $\neg$        |             | 1       | 1        | П               |          | <u> </u>    | 114        | $\dashv$ | 1            | Т            |                                                  | Г                                                | П        | $\Box$   | Г        |
|             | 15                                      | T        | 1                                                |                                                  | _                                                |                                                  |          |                 |          | _        |          | 65       |                     | 7          | $\neg$        | $\top$      | $\top$  | 1        | $\Box$          |          |             | 115        |          | 1            | 1            |                                                  | T                                                |          |          | Π        |
|             | 16                                      | IT       |                                                  |                                                  |                                                  |                                                  | П        |                 |          | _        |          | 66       |                     | $\neg$     |               | _           | 1       | $\top$   | П               |          |             | 116        | $\neg$   | 1            |              | ┪                                                | ┢                                                |          |          | Г        |
|             | 17                                      | IT       |                                                  | Ţ                                                |                                                  |                                                  | П        |                 |          | $\neg$   |          | 67       |                     | 寸          | 十             | T           | 1       | 1        |                 |          |             | 117        | $\top$   | $\vdash$     |              | Г                                                | Т                                                |          |          | г        |
|             | 18                                      | Ħ        |                                                  |                                                  | Т                                                | П                                                | П        |                 |          | ┨ .      |          | 68       |                     | $\dashv$   | 寸             | 十           | 1       | 1        |                 |          |             | 118        | 十        | T            |              |                                                  |                                                  |          | П        | Г        |
|             | 19                                      | Ħ        | 1                                                |                                                  |                                                  |                                                  |          |                 |          | $\neg$   |          | 69       |                     | 十          | T             | 1           | T       | T        |                 |          | 1           | 119        | $\dashv$ | T            |              | Г                                                |                                                  |          | $\Box$   | $\vdash$ |
|             | 20                                      | H        | 1                                                | Ì                                                | $\vdash$                                         | $\vdash$                                         |          |                 |          | $\neg$   |          | 70       | $\Box$              | $\neg$     | $\neg$        | T           | T       | T        | $\vdash$        | $\neg$   |             | 120        |          | 1-           | 1            | T                                                |                                                  |          | П        | г        |
|             | 21                                      | T        | T                                                | Г                                                |                                                  | П                                                |          |                 |          | ┑        |          | 71       |                     |            |               | 7           | T       | 1        | $\Box$          |          |             | 121        | $\neg$   | T            | _            | <del>                                     </del> | $\vdash$                                         |          | $\Box$   | Г        |
|             | 22                                      | П        | Т                                                | Т                                                |                                                  | $\Box$                                           |          |                 | $\neg$   | $\neg$   |          | 72       |                     | 寸          | T             | $\top$      | T       | T        |                 |          |             | 122        |          | T            |              | Г                                                | $\vdash$                                         |          |          | Г        |
|             | 23                                      | П        | Τ                                                |                                                  | Г                                                |                                                  | П        |                 |          | 7        |          | 73       |                     | 丁          | $\neg \vdash$ | $\top$      | Τ       | Τ        | П               |          |             | 123        |          | 1            |              |                                                  |                                                  |          |          | Г        |
|             | 24                                      | П        | П                                                |                                                  | Г                                                |                                                  | П        |                 |          |          |          | 74       |                     | $\neg$     | $\neg$        |             |         | Т        | П               |          |             | 124        |          | T            |              | П                                                | Г                                                |          |          | Г        |
|             | 25                                      | П        |                                                  |                                                  |                                                  |                                                  |          |                 |          |          |          | 75       |                     |            |               |             |         |          |                 |          |             | 125        |          |              |              |                                                  | П                                                |          |          |          |
|             | 26                                      | П        |                                                  |                                                  |                                                  |                                                  |          |                 |          |          |          | 76       |                     |            | $\neg$        |             |         |          |                 |          |             | 126        |          |              |              |                                                  |                                                  |          | П        | Г        |
|             | 27                                      | П        |                                                  |                                                  |                                                  |                                                  |          |                 |          |          |          | 77       |                     |            |               |             |         |          |                 |          |             | 127        |          |              |              |                                                  |                                                  |          |          | П        |
|             | 28                                      | $\prod$  |                                                  |                                                  |                                                  |                                                  |          |                 |          |          |          | 78       |                     | $\Box$     |               | $\top$      | T       | Т        |                 |          |             | 128        |          |              |              |                                                  |                                                  |          |          |          |
|             | 29                                      | Ш        | L                                                |                                                  |                                                  |                                                  |          |                 |          |          |          | 79       |                     |            |               |             |         |          |                 |          |             | 129        |          |              |              |                                                  |                                                  |          |          |          |
|             | 30                                      | П        |                                                  |                                                  |                                                  |                                                  |          |                 |          |          |          | 80       |                     |            |               |             |         |          |                 |          |             | 130        |          |              |              |                                                  |                                                  |          |          |          |
|             | 31                                      | Ш        | <u> </u>                                         | L                                                | 匚                                                |                                                  |          |                 |          | _        |          | 81       |                     |            | $\perp$       |             | ↓.      |          |                 | _        |             | 131        |          | 上            | $oxed{oxed}$ | 乚                                                | L                                                |          | Ш        | L        |
|             |                                         | V        | _                                                | <u> </u>                                         |                                                  | _                                                |          |                 |          |          |          | 82       |                     | _          | _ _           |             |         |          | Ш               |          |             | 132        |          | $\perp$      | _            | <u></u>                                          | L                                                |          | Ш        | _        |
|             | 33                                      | _        | <del> </del> _                                   | <u> </u>                                         | <u> </u>                                         | <u>_</u>                                         | Щ        | Щ               | $\Box$   |          |          | 83       | Ш                   | _          | _             | _ _         | 1       | 1        |                 | _        |             | 133        |          | $\perp$      | $oxed{\bot}$ | <u></u>                                          |                                                  | Ш        |          | _        |
|             | 34                                      | <u> </u> | 1                                                | <u> </u>                                         | <u> </u>                                         | $\vdash$                                         | Ш        | Щ               |          | _        |          | 84       | $\sqcup$            | _          | $\bot$        |             | _       | ↓_       | $\sqcup$        | _        | <u></u>     | 134        |          | <u> </u>     | <b>_</b>     |                                                  | _                                                | Ш        | Ш        | -        |
| <u> </u>    | 35                                      | ⊢        | 1                                                | $\vdash$                                         | <b>—</b>                                         | <u> </u>                                         | Щ        | Ш               | $\sqcup$ |          |          | 85       |                     | _          |               | 4.          | $\perp$ | $\vdash$ | $\sqcup$        |          | <u></u>     | 135        | $\perp$  | ┺            | $\vdash$     | <u> </u>                                         | _                                                | Щ        | Щ        | <u> </u> |
|             | 36                                      | L        | ــــ                                             | ₩                                                | _                                                |                                                  | Ш        | Ш               | $\Box$   | _        |          | 86       | $\vdash \vdash$     | $\dashv$   | _             | 4           |         | ↓        | $\sqcup$        | _        | ļ           | 136        | $\perp$  | $\vdash$     | $\vdash$     | <u> </u>                                         | <u> </u>                                         | Щ        | Ш        | $\vdash$ |
|             | 37                                      | ⊢        | 1                                                | ₩                                                | 1                                                | _                                                | Ш        | Щ               | $\sqcup$ | 4        |          | 87       | $\sqcup$            | -          | $\dashv$      | 4           | 4       | ↓_       | $\vdash$        |          | <u></u>     | 137        | 4-       | ┞            | ـ            | <u> </u>                                         | ļ                                                |          |          | <u> </u> |
| <u></u>     | 38                                      | ┞        | ـــــ                                            | ₩                                                | <u> </u>                                         |                                                  | Ш        | Щ               | Щ        | _        |          | 88       | $\vdash \downarrow$ | 4          | +             | +           | +       |          |                 |          |             | 138        |          | ₩            | <u> </u>     | ⊢                                                | <u> </u>                                         | Щ        | Щ        | <b>—</b> |
| <u> </u>    | 39                                      | <u> </u> | 1-                                               | -                                                | -                                                | -                                                | $\vdash$ |                 |          |          |          | 89       | -                   | -          | _             | 4           | +       | 1        | $\vdash \vdash$ | _        |             | 139        |          | ļ            | <b>↓</b>     | <u> </u>                                         | ⊢                                                | Щ        | Щ        | L        |
| <u></u>     | 40                                      | <u> </u> | ₩                                                | ├                                                | <u> </u>                                         | <u> </u>                                         | $\vdash$ | <u> </u>        |          | _        |          | 90       | $\vdash \vdash$     | -+         | -             |             | _       | ┼        | $\vdash$        | _        | <u> </u>    | 140        |          | <del> </del> | <b> </b>     |                                                  | <u> </u>                                         | Ш        | $\vdash$ | <b>—</b> |
|             | 41                                      | <u> </u> |                                                  | ⊢                                                | $\vdash$                                         | -                                                | Н        | Н               |          | _        |          | 91       | $\vdash$            | -          | -             | -           | +       | -        | $\vdash$        |          |             | 141        | 1        | $\vdash$     | ⊢            | ⊢                                                | <b>—</b>                                         | Ш        |          | -        |
| <u></u>     | 42                                      | -        | ┼                                                | ├                                                |                                                  | -                                                | Н        | $\vdash$        | $\vdash$ |          |          | 92       | $\vdash \vdash$     | +          | +             |             | -       | ╀        | $\vdash$        | {        | <u></u>     | 142        |          | +            | ₩            | -                                                | <u> </u>                                         | Ш        | $\vdash$ | -        |
| <u></u>     | 43                                      | -        | ├-                                               | ├-                                               |                                                  | -                                                | $\vdash$ |                 |          | $\dashv$ | -        | 93       | $\vdash \vdash$     | +          | +             | +           | +       | +        | $\vdash$        |          | <u> </u>    | 143        |          | ┼—           | ╀            | -                                                | <u> </u>                                         | $\vdash$ | $\vdash$ | -        |
| <u> </u>    | 44                                      | $\vdash$ | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | -                                                | Н        | $\vdash$        |          |          | -        | 94<br>95 | $\vdash \vdash$     | -+         | +             | +           | +       | +        | $\vdash$        | _        |             | 144        |          | ╀            | ┼            | ⊢                                                | $\vdash$                                         | $\vdash$ | $\vdash$ | $\vdash$ |
| <del></del> | 46                                      | $\vdash$ | +                                                | -                                                | -                                                | $\vdash$                                         | Н        | $\vdash$        |          |          | -        | 96       | $\vdash \vdash$     | $\dashv$   | +             | +-          | +       | +-       | $\vdash$        |          | -           | 145        |          | ╁            | ╀            | $\vdash$                                         | $\vdash$                                         | Н        | $\vdash$ | $\vdash$ |
| <u></u>     | 47                                      | $\vdash$ | +                                                | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | Н        | $\vdash$        |          |          | -        | 97       | $\vdash$            | +          | +             | +           | +       | +        | $\vdash$        |          | <u> </u>    | 146<br>147 | - -      | +            | +            | $\vdash$                                         | $\vdash$                                         | $\vdash$ | -        | -        |
| <del></del> | 48                                      | ⊢        | $\vdash$                                         | <del>                                     </del> | -                                                | $\vdash$                                         | $\vdash$ | H               |          | $\dashv$ | $\vdash$ | 98       | $\vdash$            | $\dashv$   | $\dashv$      | +           | +       | +        | 1               | $\dashv$ | <b>—</b>    | 147        |          | ╁            | ╁            | -                                                | <del> </del>                                     | $\vdash$ | $\vdash$ | $\vdash$ |
| $\vdash$    | 49                                      | $\vdash$ | +                                                | $\vdash$                                         | $\vdash$                                         | $\vdash$                                         | Н        | $\vdash \vdash$ | -        | $\dashv$ | -        | 99       | $\vdash$            | $\dashv$   | $\dashv$      | +           | +       | +        | $\vdash$        | $\dashv$ | $\vdash$    | 149        | +        | ╁            | 1-           | 1                                                | <del>                                     </del> | $\vdash$ | $\vdash$ | $\vdash$ |
|             | 50                                      | $\vdash$ | +                                                | t                                                | <del>                                     </del> | Г                                                | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$ | 100      | $\vdash$            | $\dashv$   |               | +           | +       | +        |                 | $\dashv$ |             | 150        |          | +            | 1            |                                                  | $\vdash$                                         | $\vdash$ | -        | -        |
|             | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1        | 1                                                |                                                  |                                                  |                                                  |          |                 |          |          |          |          |                     | - 1        | 1             | L           | - 1     | 1        |                 |          | 1           | , , , , ,  |          | 1            | 1            |                                                  | 1                                                | . 1      |          | ,        |